

IN THE CLAIMS:

1. (Currently amended) An implantable medical device system, comprising:
an implantable medical device generating uplink telemetry transmissions and
receiving downlink telemetry transmissions; ~~and~~
an external medical device for receiving uplink telemetry transmissions from the
implantable medical device, and generating downlink telemetry
transmissions to the implantable medical device; ~~and transmitting data to~~
~~a home appliance, wherein the external medical device further includes a~~
~~communication interface for establishing a communication link for~~
~~transmitting data to a home appliance equipped with a compatible~~
~~communication interface for receiving transmissions from the external~~
~~medical device;~~
a plurality of home appliances responsive to transmission received from the
external medical device; and
at least one communication network providing a continuously available
communication link between the external medical device and the plurality
of home appliances for transferring data from the external medical device
to a selected one of the plurality of home appliances; and
a processor converting the service request to a protocol readable by an operating
system of the selected one of the plurality of home appliances;
wherein the transferred data comprises a service request corresponding to the
selected one of the plurality of home appliances.
2. (Currently amended) The implantable medical device system according to
claim 1, wherein the plurality of home appliances ~~is~~ comprises an electronic
audio/visual appliance including ~~any~~ one of a television, a stereo, ~~or~~ and a video
recorder.
3. (Currently amended) The implantable medical device system according to

claim 1, wherein the plurality of home appliances ~~is~~ comprises a personal computing system ~~computer or associated auxiliary component~~ including any one of a printer, an electronic storage medium, a modem, a monitor, a speaker, ~~or~~ and a personal digital assistant.

4. (Currently amended) The implantable medical device system according to claim 1, wherein the plurality of home appliances ~~is~~ comprises a personal communication appliance including ~~any one of~~ any one of a cellular phone ~~or~~ and a fax machine.

5. (New) The implantable medical device system according to claim 1, wherein the processor performs an initialization routine to verify the continuously available communication link and wherein the external medical device learns the identity of the plurality of home appliances.

6. (New) The implantable medical device system according to claim 1, wherein the service request includes a request to generate a patient warning.

7. (New) The implantable medical device system according to claim 1 wherein the service request includes a request to record data.

8. (New) The implantable medical device system according to claim 1 wherein the service request includes a request to transmit data.

9. (New) The implantable medical device system according to claim 1 wherein the processor comprises a memory for storing a plurality of subroutines corresponding to a plurality of service requests.

10. (New) The implantable medical device system according to claim 9 wherein the plurality of subroutines are stored in Java code and further comprise a Jini header.

11. (New) A method for use in an implantable medical device system, comprising:

- transmitting data from an implantable medical device to an external medical device via a telemetric communication link;

- verifying a communication link between the external medical device and a plurality of home appliances;

- selecting one of the plurality of home appliances according to a function performed by the selected one of the plurality of home appliances;

- transferring data from the external medical device to the selected one of the plurality of home appliances, wherein the transferred data comprises a service request corresponding to the selected one of the plurality of home appliances; and

- converting the service request to a protocol readable by an operating system of the selected one of the plurality of home appliances.

12. (New) The method according to claim 11, wherein the plurality of home appliances comprises an electronic audio/visual appliance including one of a television, a stereo, and a video recorder.

13. (New) The method according to claim 11, wherein the plurality of home appliances comprises a personal computing system including one of a printer, an electronic storage medium, a modem, a monitor, a speaker, and a personal digital assistant.

14. (New) The method according to claim 11, wherein the plurality of home

appliances comprises a personal communication appliance including one of a cellular phone and a fax machine.

15. (New) The method according to claim 11, further comprising performing an initialization routine during which the external medical device learns the identity of the plurality of home appliances.

16. (New) The method according to claim 11, wherein the service request includes a request to generate a patient warning.

17. (New) The method according to claim 11, wherein the service request includes a request to record data.

18. (New) The implantable medical device system according to claim 1 wherein the service request includes a request to transmit data.

19. (New) The method according to claim 11, wherein the transferring data comprises selecting one of a plurality of previously programmed subroutines corresponding to a plurality of service requests.

20. (New) The method according to claim 11, wherein the plurality of subroutines are stored in Java code and further comprise a Jini header.

21. (New) A computer-readable medium storing a set of instructions which, when implemented in an implantable medical device system comprising a processor, cause the processor to:

transmit data from an implantable medical device to an external medical device via a telemetric communication link;

verify a communication link between the external medical device and a plurality of home appliances;

select one of the plurality of home appliances according to a function performed by the selected one of the plurality of home appliances;

transfer data from the external medical device to the selected one of the plurality of home appliances, wherein the transferred data comprises a service request corresponding to the selected one of the plurality of home appliances; and

convert the service request to a protocol readable by an operating system of the selected one of the plurality of home appliances.